

2011 Turner County Fair Demolition Derby Rules

Parker, SD

GENERAL RULES

1. The general rules apply to each driver and pit personnel member. **DRIVERS ARE EXPECTED TO KNOW THE RULES AND OBEY THEM.** The rules set forth have been designed to provide orderly conduct of the sport and are in no way a guarantee against injury, death, or theft to a participant, spectator, or official. These rules shall govern the condition of all events, and by participation in these events, all participants shall be expected to comply with these rules.
2. Absolutely **NO** alcohol in the pit area before or during the event. No fighting allowed. Officials will not tolerate any profane language/gestures before, during, or after the event. No hot-rodding or speeding in the pit area. If a car does not run a heat, that car does not run a consolation heat. The driver/owner is responsible for his/her pit crew and their conduct and safety. All drivers and at least one crewmember must attend the driver's meeting. Any of the above violations subject the car that he/she is associated with to disqualification and asked to depart from the pit area immediately and may be rejected from other events. **NO REFUNDS** will be given for any reason.
3. Ladies may compete with men. Drivers must be 16 or older to drive and must have a valid driver's license. All drivers and pit crew between the ages of 16 and 18 years of age must have a guardian or parent's signature prior to participation. **NO ONE IN THE PIT AREA UNDER THE AGE OF 16 ALLOWED.** All drivers and pit crew must sign a release of liability.
4. A stick will be placed on all cars competing, and drivers must break it when finished or when told to do so. If driver is bending the stick but cannot break it, officials will break it. The stick may not be put back up after it is broken. If any door comes open during demo, you will be disqualified from your heat; you may fix it and come back and run a consolation heat.
5. The derby will be stopped for bumpers or axles in the arena and removed for everyone's safety.
6. All cars not removed after the event will become the property of the promoter.
7. **OFFICIALS RESERVE THE RIGHT TO REFUSE ACCESS TO ANYONE OR ANY CAR THAT IS UNSAFE TO DRIVE**

SAFETY RULES:

1. DOT full faced helmet, neck brace, and long pants required. All drivers must wear a seat belt.
2. Battery must be removed from stock position and installed inside passenger compartment and securely fastened.
3. **BRACE BARS** must be a 2"-4" square or round metal bar, 1/8" thick, placed directly behind the driver's seat with a **MINIMUM** of 6"x6" metal plate. The plate must be at least 1/8" thick and attached to the ends of brace bar and **SECURED TO CAR BY BOLTING OR WELDING TO THE HEAVIEST PART OF DOORPOST.** Bars may be in an X and must be no more than 10" behind driver's seat secured to only the body. No

brace bars under the hood. A dash bar and two bars connecting from dash bar along both inside front doors to bar behind seat may be installed.

4. **CAR NUMBERS AND SIGN** must be placed on the roof of the car no smaller than 15"x15" and must be readable from both sides. The passenger and driver's front doors must have numbers at least 18" tall. Both the sign and the doors must have a light colored background with dark colored numbers for easy visibility.
5. **CAR PREPARATION.** It is mandatory that all glass be removed. Broken glass, dirt, and loose debris must be swept from the car. Do not break the door windows and leave the glass in the door. The rear seats and interior must be removed; plastic bumper covers, head lights, tail lights, tail lenses, all chrome trim, interior and exterior door handles, door lock cylinders, license plate brackets, luggage racks, mud flaps, and trailer hitches must be removed prior to admittance to the race track. You may have a floor shifter and a hand throttle.
6. **FIREWALL** Any holes in firewall must be covered with a non-flammable material to prevent competitor from being sprayed by hot oil or water.
7. **GAS TANK** The original tank must be removed and a leak proof fuel cell or boat tank must be placed behind the driver's seat or center of back seat. No 5-gallon gas cans allowed. The tank must be bolted securely to the floor tin with bolts, nuts, and washers. The tank must be secured over top with a chain, original gas tank straps, or stronger material. The gas tank, electric fuel pump, and all fuel lines must be covered with a non-flammable material.
8. **WINDSHIELD BARS** must be welded or bolted on to protect the driver (3/8" bolts, nuts, and washers MINIMUM). Two bars from the top of the windshield to the dash area: one must be in the center of the windshield and the other between the first bar and the driver's side. Bars must be a MINIMUM of 5/8" diameter or strap 1" wide x 1/8" thick.

COMPACT CAR:

1. Car must be 4 or 6 cylinder: NO V-8 cars allowed. NO AWD cars.
2. Car must have wheelbase of 105" or less. NO AMC Pacers allowed.
3. You may weld driver door seams only. Hood, trunk, and passenger door can be chained or wired. No hood pins. Hood must have at least (1) 12"x12" hole to extinguish fire.
4. Battery must be fastened inside the car.
5. If the gas tank is in FRONT of the rear axle, it may be left in stock position but does not have to be. If moved, tank must be safely secured inside the car with a cover.
6. All glass, chrome, and trim must be removed from the car.
7. May have 1 support bar behind the seat and 1 across the dash with 1 bar attaching them NOT attached to the frame. Bars must be a 2"-4" by 1/8" thick square or round. **H**
8. NO modifications or welding on the frame.
9. Entry for the compact class is \$25 at the gate, \$20 with pre-registration which include car and driver.
10. Pay back: 1st place-\$500, 2nd place \$300, 3rd place \$100

CHAIN CLASS:

1. May weld driver door seams only. Hood, trunk, and passenger doors must be chained or wired. No hood pins. Hood must have (1) 12"x12" hole for fire extinguishing.

2. Gas tanks and battery must be moved inside the car. Battery can be on passenger side floor, safely secured and covered. Gas tank must be in back seat, safely secured and covered.
3. May have (1) 2"-4" square or round support bar behind driver seat and 1 for the dash with 1 support attaching them NOT attached to the frame. **H**
4. NO modifications or welding on the frame.
5. Bumpers must be welded on but not strengthened to the frame.
6. Entry for the chain class is \$25 at the gate, \$20 with pre-registration which includes car and driver.
7. Pay back: 1st place-\$500, 2nd place-\$300, 3rd place \$100

TRUCK CLASS:

1. Any full size ½, ¾, or 1 ton LT truck, SUV, suburban, or van may compete. No compact truck, foreign truck, or passenger cars allowed. 4x4 may compete with the front drive shaft removed.
2. Bumpers must be automotive or LOT truck bumpers and bumper brackets in any position allowed. They must be appear stock. All trucks must have bumpers on front and rear. Two 4" wide by ¼" thick straps may be welded vertically from rear bumper to tailgate, weld 5" on bumper and 5" in tailgate. Two 4" wide, ¼" thick, 8" long straps may be welded horizontally on front and rear bumpers. Rear bumper welded from bottom of tailgate to the bumper, and front bumper welded from bumper to radiator support. Front and rear bumper may have 4 wire locations, 4 strands from front bumper to radiator support and rear bumper to tailgate. Bumper brackets and bumper may be welded solid. Bumpers must be stock height, all models may raise front to level with rear, but if it looks too high, it is, and it will have to be let down or not run per judge's discretion.
3. Cab and box mounts may be removed. Body bolts may be replaced with a MINIMUM 5/8" bolt and a MAXIMUM of 8 extra bolts to hold cab, box, or body on. Washers ¼" thick 6x6" on top and 3x3" on bottom must be added. Washers to hold cab and box to frame may not touch each other.
4. Engine and transmission of choice may be used. Motor mounts may be welded, chained, or cabled and added solid engine mounts acceptable as long as it's not reinforcing the frame.
5. EXTRA REINFORCEMENTS: No wire, sheet metal screws, chains, cables, or added sheet metal unless specified in rules. WELD IT.
6. Fenders may be rolled, welded, or bolted with no added metal.
7. Frame may not be reinforced and no filling in holes on frame. The cab may be welded to the frame and box to the frame and riveted frame brackets. The very front 8" and very back 8" of frame rails may be reinforced no longer than 8" and no taller than the factory frame. No connecting the frame rails to each other with added metal.
8. Hood must remain in factory position. The front two hood bolts must go through the front radiator support mount and frame with no spacer. All other bolts must be welded to body only. Hood may be welded solid with 3/8" filler rod or must be bolted or chained in a minimum of 4 locations, but no more than 8 locations. 5x5" washer must be used on top of hood bolts. Hood bolts must be a minimum of 5/8" or a maximum of 1" bolts. Bolts cannot be directly in front of radiator. Minimum of (4) 3/8" thick chains. Must have a 12"x12" hold cut in hood for fire extinguishing.

9. Radiator must remain in stock position. Blow by tubes must be secured and pointing down. No extra cooling allowed. Original or electric fans allowed but must be covered by hood. Ratchet straps may be used to secure the radiator. Top of radiator support may have 1 piece of 2"x2"x 1/4" thick angle iron from fender to fender and (2) 2"x2"x1/4" thick angle iron or square tubing from radiator support to top of frame in front of control arm/A-frame. Air conditioning condenser may be welded to the front of the radiator.
10. Rear end and front end may be NO larger than 1 ton LT truck. Rear end only may be reinforced and hybrid rear ends allowed. No reinforcements on front axle. The rear may be tied to the frame in two locations with a 3/8" cable or chain. Leaf spring trucks must have a 2" stager and no double main leafs. A maximum of 11 leaf springs on rear axle and 5 leafs on front axle. A total of 3 spring helper clams in front of axle and 3 rear of axle per side on front and rear leafs. These clamps must only be a maximum of 2" wide, 5" long, and 1/4" thick. The leaf spring mounts may be welded to the frame front and rear. Welded or posi-truck rear end is recommended.
11. Shocks may be welded solid.
12. Steering tie rod ends must be stock: the center section of tire rods may be reinforced. Steering columns may be welded in and altered to prevent steering loss. All suspension components must remain stock and may not be reinforced. A-arms may be welded or bolted to the frame to raise the front and prevent them from falling off.
13. Tailgate must be chained, bolted, or welded securely to box or removed.
14. Tires any ply with a maximum of 31" height. Tire inside a tire, tubes, solid tires, implement tread tires, valve stem protectors, and grease on tires are all acceptable. NO water ballast in tires, studded tires, dual tires, split rims, paddle rims, or reinforced rims. All wheel weights must be removed.
15. Welding all cab and box seams interior and exterior may be welded. The cab and box may be welded together and use a fill material to fill in the gap between the cab and box. Doors and tailgate may be welded with metal no more than 3" wide. If doors and tailgate are not welded, they must be bolted or chained with same bolts or chains as hood in a minimum of 2 locations per door or tailgate for safety. Tops of doors may be beat down and welded with no added metal. Rust holes or metal tears may be patched with a maximum of 1 layer of stock metal. Use only enough metal to cover the hole.
16. Entry fee is \$50 at the gate, \$40 with pre-registration, which covers driver and car.
17. Truck pay-out: 1st-\$600, 2nd-\$400, 3rd-\$200, 4th-\$100

WELDED CLASS:

1. Any American made sedan or station wagon may compete. No 4x4s, ambulance, hearse, truck, limousine, compact, or foreign cars. No Imperial sub frame under other cars. No Imperial Chrysler 1973 and older or Lincoln Continental 1970 and older. Newer models of Imperials or Lincolns may compete and may change bumpers.
2. Body bolts may be replaced with up to a 1" bolt. Bolts may extend through body and a washer maximum 5"x5"x1/4" thick on top and a 3"x3"x1/4" thick washer may be installed on the bottom. Washers must fit inside frame like factory and may not be used as a gusset. If your car has a factory rubber body mount hole in the frame a bolt may be installed through it. No adding any extra body mounts or bolts. See rule 7 for front body bolts.

3. Bumpers must be welded. They may be changed with any other Automotive Car bumper in any position. Bumper must be welded.
4. Engine and transmission mounts may be welded solid.
5. Fenders front and rear may be rolled and bolted with a maximum of (12) 3/8" bolts, with 1" washers per fenders.
6. Frame may not be repaired if rusted or broken. Frame seams may be welded.
7. If there is an overhang on the hood, it may be bent down. Hood must be opened for inspection. Hood must be bolted or chained in a maximum of 8 locations. A maximum of a 5"x5"x1/2" thick washer must be used on top of hood bolts. The bolts must be a minimum of 5/8" and a maximum of 1". Bolts must not be directly in front of radiator. Chains must be a minimum of 1/4" and maximum of 3/8" thick. The front 2 hood bolts must go through the frame and radiator support, and the top 5" may be welded to the radiator support. Chrysler products may run all tread behind radiator support down to top of frame with no added material. The other bolts must be welded or bolted to car body tin only. Any anchors welded for hood bolts must not exceed 3" in length and mounted under hood to fender. One 12" hole must be cut into hood for fire extinguishing and a maximum of 12 bolts with 1" washers may be added to secure the tin together around the hole. All cooling fans must be covered by hood or removed.
8. Radiator must remain in stock position.
9. Rear end must be factory 5 lug. Use rear end of choice. No leaf springs on none leaf cars. Maximum of 8 leaf springs. Rear control arm may not be lengthened or shortened to achieve driveline angle. Rear end may be tied in 2 locations with 3/8 cable chain or 4 loops of wire.
10. Trunk may be bolted in 4 locations or welded shut. 60% must be in factory position, and back 40% may be tucked.
11. When welding doors and trunk with metal, it may be no more than 3" thick and 3/16" thick. If not welded they must be chained in a minimum of 2 locations per door or trunk.
12. Entry fee- \$50 at the gate, \$40 with pre-registration which includes driver and car.
13. Welded pay out: 1st \$1,000 2nd \$800 3rd \$600 4th \$400 5th \$200

For pre-registration call:
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Or Chad Nelson (605) 760-3970